

	L #	Search Text	Hits	DBs
6	L6	"MOST RELEVANT US & IPC CLASS/SUBCLASS + AN +IDS + F/B.:" "With means to adjust suction.:" 271/96.ccls. B65H/003/12.ipc. "for a pneumatic separator including a valve means.:" 271/108.ccls. B65H003/08.ipc.	519 3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
7	L7	"REQUIRED SEARCH AREA: US CLASS/SUBCLASS + AN +IDS + F/B.:" "With means to adjust suction.:" 271/96.ccls. "for a pneumatic separator including a valve means.:" 271/108.ccls.	522	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
8	L8	"APPLICANT(S) NAME(S).:" (yoshinori near4 kawamura).in. (tadanobu near4 shibabuki).in.	213	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
9	L1 0	"ASSIGNEE(S) NAME(S).:" (fuji near4 film).as.	164 298	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
10	L1 1	"SEARCH LIMITED TO SEARCH AREA.:" L10 and L5	484 3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB

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1	L1	"APPLICATION No. (AN):" 10/807,467	1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
2	L2	"APPLICANT CITED US PATENT ART (IDS):" "NO US PAT.:"	0	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
3	L3	"ABOVE STATEMENT SEARCHES FORWARD/BACKWARD CITATIONS OF APPLICANT CITED US PATENT ART (F/B):" "NONE.:"	0	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
4	L4	"BROAD SEARCH AREA: PRODUCTS APPLYING CLAIMED TECH. + AN + IDS + F/B.:" L3 L1 L2 ("check sorter" "check sorting" "check cancellation" "check adj canceling" "image forming" "paper handling" "paper processing" printer printers printing "printing press" scanner scanners scanning " sheet handling" "sheet processing")	183 867 9	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
5	L5	"BROAD SEARCH AREA: US & IPC CLASSES CONTAINING TECH. + AN + IDS + F/B.:" L3 L1 L2 "printing.:" "101"/\$.ccls. "sheet handling.:" "271"/\$.ccls. "money handling .:" "902"/\$.ccls. B65H\$/\$.ipc.	395 689	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB

	L #	Search Text	Hits	DBs
11	L1 4	"SHORT WORD SEARCH.:" ("A and B" "at least one" first "more than one" multiple numerous plurality pluralities second) with (adsorb adsorbed adsorbing adsorbs evacuate evacuates evacuated evacuating "negative pressure" suction suck sucks sucking sucked sucker torr vacuum)	276 663	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
12	L1 5	"SEARCH LIMITED TO SEARCH AREA.:" L14 and L4	324 94	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
13	L1 6	"SEARCH LIMITED TO SEARCH AREA.:" L14 and L6	119 8	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
14	L1 8	"SHORT WORD SEARCH.:" ("A near B" "at least one" "more than one" multiple numerous plurality pluralities (first near second)) with ("negative pressure#" suction vacuum)	962 89	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
15	L1 9	"SEARCH LIMITED TO SEARCH AREA.:" L18 and L4	119 18	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB

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16	L2 0	"SEARCH LIMITED TO SEARCH AREA.:" L18 and L6	594	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
17	L2 2	"INVENTIVE CONCEPT - WORD/SYNONYM SEARCH.:" ("suction cup" "suction cups") with (control different change) with (pressure pressures vacuum torr)	615	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
18	L2 5	"REMAINING IMAGES IN REQUIRED US CLASS/SUBCLASS + AN +IDS.:" L7 not (L9)	522	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
19	L2 8	"NEXT STATEMENT SEARCHES FORWARD/BACKWARD CITATIONS of TAGGED REFERENCES.:"	0	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
20	L9	"SEARCH LIMITED TO SEARCH AREA.:" L8 and L5	69	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB

	L #	Search Text	Hits	DBs
21	L1 2	"SEARCH LIMITED TO SEARCH AREA.:" L10 and L7	6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
22	L2 7	"REMAINING IMAGES IN REQUIRED US CLASS/SUBCLASS + AN +IDS.:" (L7 not (L9 271/108.ccls.)) and "suction cup#"	4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
23	L2 9	("1810171" "1961401" "2827287" "2915308" "3155386" "3185472" "3372924" "3386558" "3394930" "3545740" "3599541" "3718328" "4358100" "4482145" "4491311" "4717138" "4786046" "4830352").PN.	28	US-PGPUB; USPAT; USOCR
24	L2 3	"SEARCH LIMITED TO SEARCH AREA.:" L22 and L4	119	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
25	L2 4	"SEARCH LIMITED TO SEARCH AREA.:" L22 and L5	175	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB

	L #	Search Text	Hits	DBs
26	L1 3	"SEARCH LIMITED TO SEARCH AREA.:" L10 and L6	293	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
27	L2 1	"SEARCH LIMITED TO SEARCH AREA.:" L18 and L7	219	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
28	L2 6	"REMAINING IMAGES IN REQUIRED US CLASS/SUBCLASS + AN +IDS.:" L7 not (L9 271/108.ccls.)	215	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
29	L1 7	"SEARCH LIMITED TO SEARCH AREA.:" L14 and L7	304	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
30	L3 0	"ADDITIONAL SEARCH RECOMMENDED DURING ALLOWANCE CONFERENCE WITH EXAMINER BOLLINGER.:" "Suction member reciprocating perpendicularly to sheet.:" 271/102.ccls. "Oscillating suction member.:" 271/107.ccls.	842	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB

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31	L3 1	(adsorb adsorbed adsorbing adsorbs evacuate evacuates evacuated evacuating "negative pressure" suction suck sucks sucking sucked sucker torr vacuum) with (adjust adjustably adjusts adjustment adjustments adjusting adjusted adjustable regulate regulated regulates regulating select selected selects selecting selectable set sets setting vary varying variable various variant variation varyingly control controller controlling controlled controls valve valves valved valving)	468 606	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
32	L3 3	"SEARCH LIMITED TO SEARCH AREA.:" 31 and 30	377	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
33	L3 4	(adsorb adsorbed adsorbing adsorbs evacuate evacuates evacuated evacuating "negative pressure" pressure pressures suction suck sucks sucking sucked sucker torr vacuum) with (adjust adjustably adjusts adjustment adjustments adjusting adjusted adjustable regulate regulated regulates regulating select selected selects selecting selectable set sets setting vary varying variable various variant variation varyingly control controller controlling controlled controls valve valves valved valving)	180 232 3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB

	L #	Search Text	Hits	DBs
34	L3 5	"SEARCH LIMITED TO SEARCH AREA.:" 34 and 30	390	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
35	L3 6	((suction vacuum pneumatic) adj (carrier carriers cup cups gripper grippers pad pads) sucker suckers) and (adsorb adsorbed adsorbing adsorbs evacuate evacuates evacuated evacuating "negative pressure" pressure pressures suction suck sucks sucking sucked sucker torr vacuum) with (adjust adjustably adjusts adjustment adjustments adjusting adjusted adjustable regulate regulated regulates regulating select selected selects selecting selectable set sets setting vary varying variable various variant variation varyingly control controller controlling controlled controls valve valves valved valving)	199 18	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
36	L3 7	"SEARCH LIMITED TO SEARCH AREA.:" 36 and 30	253	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB

	L #	Search Text	Hits	DBs
37	L3 8	((suction vacuum pneumatic) adj (carrier carriers cup cups gripper grippers pad pads) sucker suckers) and (adsorb adsorbed adsorbing adsorbs evacuate evacuates evacuated evacuating "negative pressure" pressure pressures suction suck sucks sucking sucked sucker torr vacuum) with (adjust adjustably adjusts adjustment adjustments adjusting adjusted adjustable regulate regulated regulates regulating select selected selects selecting selectable vary varying variable various variant variation varyingly control controller controlling controlled controls valve valves valved valving)	177 62	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
38	L3 9	"SEARCH LIMITED TO SEARCH AREA.:" 38 and 30	236	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
39	L4 1	("20020185806" "2159456" "2591116" "3260520" "3466028" "3782716" "3809389" "3844551" "3888362" "3893663" "3938800" "4105925" "4132401" "4186918" "4206465" "4218054" "4359314" "4382593" "4508331" "4516763" "4589649" "4694719" "4714400" "4724480" "4747005" "4812666" "4905978" "4940221" "5050853" "5465951" "5520380" "5613671" "5806845").PN. OR ("4516763" "5005823" "5016865" "5984296" "6742779").URPN.	49	US-PGPUB; USPAT; USOCR